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PTO/SB/21 (08-03)

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

20

Application Number

10/029,438

Filing Date

12/24/2001

First Named Inventor

Richard H. Hicks

Art Unit

1714

Examiner Name

Medley, Margaret B.

Attorney Docket Number

01-470-WSB

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SEP 04 2003  
TC 1700

### ENCLOSURES (Check all that apply)

- ☐ Fee Transmittal Form
- ☐ Fee Attached
- ☒ Amendment/Reply
- ☐ After Final
- ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/Incomplete Application
- ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation
- ☐ Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) \_\_\_\_\_

- ☐ After Allowance communication to Technology Center (TC)
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☐ Other Enclosure(s) (please identify below):

Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	WILLIAM S. BERNHEIM		
Signature	<i>William S Bernheim</i>		
Date	August 27, 2003		

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Typed or printed name	WILLIAM S. BERNHEIM		
Signature	<i>William S Bernheim</i>	Date	August 27, 2003

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**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventors: Richard H. Hicks and Ben C. Song  
Application Number: 10/029,438  
Filing Date: 12/24/2001  
Application Title: Micro-Emulsion Fuel Additive

Group/Art Unit: 1714  
Examiner: Medley, Margaret B.

Docket Number: 01-470-WSB

Honorable Commissioner for Patents  
Washington DC 20231

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**AMENDMENT "B"**

Sir:

In response to the Office Action of June 6, 2003, please amend the above-identified application as follows:

**In the ABSTRACT:**

1. Please cancel the abstract of record and substitute with a new abstract as follows:

-- A liquid nanotechnology (micro-emulsion forming) fuel additive composition which reduces the exhaust emissions and improves the fuel economy of internal combustion machines when used at a dose level of 20 to 500ppm in the fuel. --

**In the BACKGROUND OF THE INVENTION:**

1. Please replace the paragraph beginning at page 2, line 3, with the following rewritten paragraph:

-- This invention relates to a liquid nanotechnology (micro-emulsion forming) fuel additive composition which reduces the exhaust emissions and improves the fuel economy of internal combustion machines when used at a dose level of 20 to 500ppm in the fuel. --

2. Please replace the paragraph beginning at page 3, line 1, with the following amended paragraph:

-- Grangette et al U.S. Patent 4,396,400 discloses that it is possible to produce a low water content fuel emulsion by adding at least 100 ppm of additional water in forming a micro-emulsion fuel with low surfactant content 25 ppm, which gives